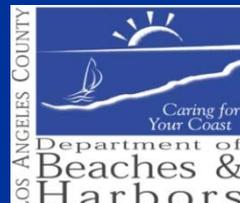


Marina del Rey Maintenance Dredging Project



Small Craft Harbor Commission

May 9, 2012



Marina del Rey



US Coast Guard Cutter HALIBUT



Los Angeles County Sheriff



Los Angeles County Lifeguard Baywatch



Beaches and Harbors/Public Works

Santa Monica Bay



Marina del Rey

- Two miles from LAX approach and departure route
- A few miles from three major plants
- Within 30 nautical miles of the Port Complex
- Along 65 miles of coastline

Marina del Rey First Responders



USCGC HALIBUT

- Responsible for patrolling over 300 miles from Morro Bay to Dana Point
- USCGC HALIBUT maintains a 24/7 readiness status
- Homeland Security
- Search & Rescue
- Maritime law enforcement
- Marine environmental protection and public affairs
- Security for Ports of Los Angeles and Long Beach
- 12 sister ships may at any time require to pull into MdR for fuel, supplies, repairs, and to rest overnight while in transit to and from Baja California for counter narcotics/migrant missions



County Sheriff

- Responsible for patrolling over 128 miles of coastline including San Clemente and Santa Catalina Island
- Homeland Security
- Law enforcement on the water and on docks
- Education and crime prevention
- Open water rescue and medical emergencies
- Maritime law enforcement



Lifeguard Baywatch

- Prevent accidents and make ocean rescues
- Homeland Security
- Rescue and assist disabled boaters
- Provide emergency medical assistance to beachgoers
- Maritime law enforcement
- Find and return lost children

U.S. Coast Guard, Los Angeles County Sheriff and Lifeguard **Homeland Security**

Rapid Deployment Needed for Infrastructure Protection

Los Angeles County Critical Facilities

- Offshore tanker moorings
- LAX approach and departure route
- Three power generating plants
- Hyperion sewage treatment plant
- Major ports
- Reservoirs



U.S. Coast Guard, Los Angeles County Sheriff and Lifeguard Homeland Security

Rapid Deployment Needed for Small Vessel Security Strategy

- Risk that small vessels might be used to smuggle terrorists or weapons of mass destruction into the United States
- Small vessels might be used as either a stand-off weapon platform or as a means of a direct attack with a waterborne improvised explosive device



In January 2000, US Coast Guard Cutter POINT BRIDGE from Marina del Rey was one of the first units to respond to the crash of Alaska Airlines Flight #261 in the waters off Point Mugu

Los Angeles Times LOCAL

LOCAL U.S. WORLD BUSINESS SPORTS ENTERTAINMENT HEALTH LIVING TRAVEL OPINION MORE Search GO

CORRECTIONS READERS REP PHOTOS VIDEO BLOGS DATADESK NEWSLETTERS RSS HOROSCOPES GAMES

THE CRASH OF FLIGHT 261; Jetliner Plunges Into Pacific; 88 Feared Dead in Crash off Ventura County; Tragedy: Pilots of Alaska Airlines flight reported a problem moments before plane disappeared from radar. Fishermen saw a splash '200 feet in the air' as it hit water.

By ERIC MALNIC; CATHERINE SAILLANT; GARY POLAKOVIC
Published February 1, 2000

An Alaska Airlines jetliner en route from Puerto Vallarta to San Francisco and Seattle with 88 people on board crashed into the sea off Port Hueneme on Monday afternoon after reporting mechanical problems. There were no signs of survivors.0

Airline officials said that moments before the twin-engine MD-83 jetliner disappeared from radar screens, the pilots radioed that they were having trouble with the plane's horizontal stabilizer, the wing- like portion of the tail that controls the up-and-down pitch of the nose.

The Federal Aviation Administration cleared the plane to go to

The New York Times

WORLD U.S. N.Y. / REGION BUSINESS TECHNOLOGY SCIENCE HEALTH SPORTS OPINION

Alaska Airlines Plane Took a Nosedive : 88 Feared Dead as Jet Crashes Off California

By Brian Knowlton
Published: February 2, 2000

WASHINGTON— The U.S. Coast Guard, Air Force and Navy continued an extensive search off the California coast Tuesday after an Alaskan Airlines jet airliner with 88 people aboard plummeted nose-first into deep waters northwest of Los Angeles.

The search for survivors continued, but the chances of finding any seemed slim. Officials said four bodies had been recovered in the Santa Barbara Channel.

Just before the crash, the plane's crew reported mechanical difficulties and requested an emergency landing in Los Angeles. The plane, Flight 261, began Monday in Puerto Vallarta, Mexico, and had a scheduled stop in San Francisco en route to Seattle.

Fishermen, among the first at the crash site, about 12 miles (19 kilometers) off the coast, said that they had found human remains and large amounts of debris from the plane, an MD-83.

The outline of the plane was seen, upside down, just under the surface of the water late Monday. Waters in the area are 700 feet (210 meters) deep.

E-MAIL SEND TO PHONE PRINT

NEVER LET ME GO
WATCH THE TRAILER

The New York Times

WORLD U.S. N.Y. / REGION BUSINESS TECHNOLOGY SCIENCE HEALTH SPORTS OPINION

Jet Carrying Almost 90 Crashes Off California

By TODD S. PURDUM
Published: February 1, 2000

LOS ANGELES, Jan. 31— Alaska Airlines jetliner bound from Mexico to San Francisco crashed into the Pacific Ocean northwest of Malibu this afternoon with nearly 90 people aboard after reporting mechanical difficulties. Coast Guard boats, rescue helicopters and a Navy search plane scoured the choppy waters for hours into the winter twilight and long past darkness, finding several bodies but no immediate survivors, the authorities said.

"We're going to search for survivors until there's zero chance of finding anybody from this tragedy alive," Capt. George Wright of the

TWITTER RECOMMEND SIGN IN TO E-MAIL PRINT SINGLE-PAGE

CONVICTION
Watch The Trailer

16:19:43 "mayday"

16:19:29 flaps/slats re-deployed

16:19:14 "if it's controllable we oughta just try to land it"

16:19:37 beginning of final dive

16:19:36.6 extremely loud noise

16:18:26 flaps/slats retracted

16:18:26 "bring the flaps and slats back up"

16:18:17 "is pretty stable here"

16:17:57 flaps/slats deployed

16:15:19.7 "we have a jammed stabilizer and we're maintaining altitude with difficulty"

16:10:55 "it really wants to pitch down"

16:10:33 "we got it back under control"

16:10:06.6 "we've lost vertical control of our airplane"

16:09:20 beginning of initial dive

16:09:15 "this'll click it off"

• LAX

Shoaling at Marina Entrance Affects Emergency Response Operations

Shoaling Problems at MdR Entrance

- CG HALIBUT can only use south entrance
- Boats run aground at north entrance

Sheriff Emergency Responses (2011)*

- 240 vessels assisted
- 321 persons assisted
- Engine Failure
- Fires
- Sinking's
- Aground
- Capsize
- Medical Emergencies



Aground vessel near the Marina entrance



Boat on fire near the Marina entrance

Past MdR Maintenance Dredging Projects

Date	Dredge Method	Dredge Material Taken from	Dredge Material Placed at	Quantity in cubic yards
9/69 - 10/69	hydraulic dredge	Ballona Creek Mouth	Dockweiler State Beach (onshore)	390,000
8/73	hydraulic dredge	South side of North Jetty	Venice Beach (onshore)	16,000
6/81	hydraulic dredge	Entrance Channel and Ballona Creek Mouth	Dockweiler State Beach (onshore)	166,000
2/87 - 3/87	hydraulic dredge	Jetty tips and Ballona Creek Mouth	Dockweiler State Beach (onshore)	35,000
10/92 - 11/92	dragging	Ballona Creek Mouth	<i>In situ</i>	21,500
11/94 - 1/95	clamshell	Entrance Channel	POLA Shallow Water Habitat CAD site	55,000
3/96 - 4/96	hydraulic dredge	North Entrance Channel	Dockweiler State Beach (onshore)	240,000
3/98 - 4/98	clamshell	South Entrance Channel	LA-2 Disposal Site	52,000
	clamshell	North Entrance Channel	Dockweiler State Beach (nearshore)	74,000
10/99 - 3/00	clamshell	South Entrance Channel	POLB-Slip 2	390,000
	clamshell	North Entrance Channel	Redondo Beach	282,000
1/07 - 3/07	clamshell	North Entrance Channel	Dockweiler State Beach (nearshore)	327,000
1/09 - 4/09	Sand separation	South Entrance Channel	Dockweiler State Beach	6,500

MdR Maintenance Dredging Areas



623,200 CY contaminated (POLB);

332,600 CY clean (1/2 to Redondo Beach);

140,000 CY nearshore @ (Dockweiler)

TOTAL SEDIMENT: 1,095,600 CY*

*Based on -30 ft Overdepth
in Areas 1 and 6

Port of Long Beach Middle Harbor Project



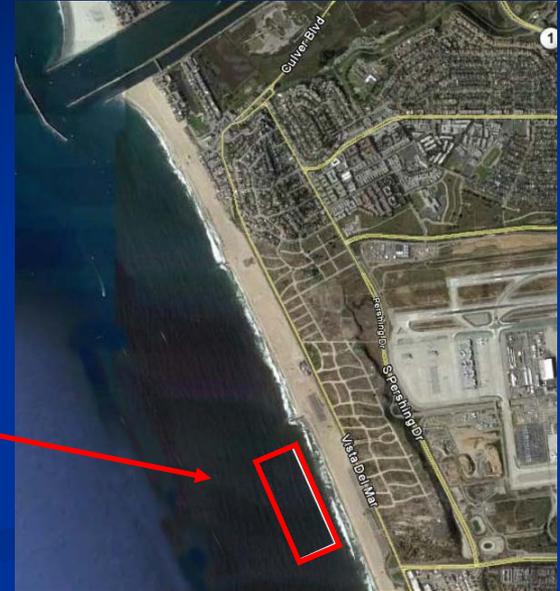
- Consolidate two older terminals into one
- Fill site will accommodate 3,200,000 CY of third party fill material
- Estimated window of opportunity for acceptance of third party fill material is approximately 12 months (January 2012 – December 2012)

***This is a rare opportunity to uniquely dispose of contaminated material*

Beneficial Reuse Material to Redondo Beach and Dockweiler



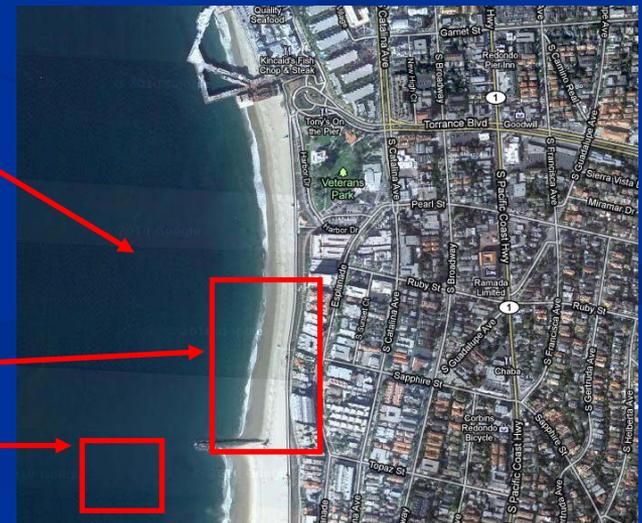
140,000 CY
Nearshore



160,000 CY

75,000 CY onshore

85,000 CY offshore pit



Marina del Rey Maintenance Dredging Project Schedule

Activity	Schedule
FONSI/EA	January 2010
Pre-Advertise	Oct 2011
Advertise	Nov 2011
Bid Open	20 Dec 2011
Award	27 January 2012
Notice to Proceed/ Construction Start	15 February 2012/ 05 April 2012
Complete Construction	September 2012

County/POLB MOA fully executed as of December 12, 2011

County/Corps MOA fully executed as of April 02, 2012

Marina del Rey Maintenance Dredging Bid Results

BID OPENING DATE: December 20, 2011

1. Dutra Dredging Company San Rafael, CA	\$ 7,155,000
2. Manson Construction Company Seattle, WA	\$ 10,480,430
3. CJW Construction, Inc. Santa Ana, CA	\$ 17,175,000
Government Estimate	\$ 11,442,900

Current Estimated Cost to Dredge and Barge Contaminated Sediment to POLB Middle Harbor Project

FY12 Corps Funding Available	\$7.7 Million
FY12 Sponsor Funding Available (by MOA)	\$5.3 Million
FY12 Total Funding Available	\$13 Million
FY12 Government Estimate* to remove all available material (apprx. 1 million CY) at MdR Harbor	\$13 – 16 Million

***Actual costs will be confirmed upon award of each option item.**

THANK YOU.

Questions/Comments